

MULTI-PROCESSOR SYSTEM RECOVERY
USING THERMTRIP SIGNAL

ABSTRACT OF THE DISCLOSURE

A method of responding to a thermal trip signal generated by a processor of a system having multiple processor nodes. If a processor overheats beyond a critical temperature, a temperature monitor receives the thermal trip signal, and turns off an enable signal to a voltage control module that control power to the processors. The temperature monitor also triggers a system reset. Upon reset, the temperature monitor ensures that all nodes, other than the node with the overheated processor, return to an operational state.